



National Weather Service

Storm Data and Unusual Weather Phenomena



March 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MICHIGAN, East

MIZ048

Bay

09 0400EST

1

0

Extreme Cold

A Kawkawlin man passed out while walking home from a local tavern. A steady, cold rain was falling, and the man died from hypothermia. Alcohol was likely a contributing factor.

M42OU

MIZ076

Wayne

09 0600EST
1200EST

0

0

Flood

MIZ048

Bay

09 0900EST
2100EST

0

0

Heavy Snow

MIZ054-061

Tuscola - Genesee

09 1030EST
1100EST

0

0

High Wind (G50)

A strong low pressure system moved northeast from the southern Plains, reaching the lower Ohio Valley on the evening of the 8th, then crossing Ohio and Lake Erie into Ontario on the 9th. This system brought a multitude of weather events to southeast Michigan.

Over two inches of rain fell on parts of far southeast Michigan on the night of the 8th into the morning of the 9th. Some of the higher rainfall totals were 2.16 inches in Morenci and 2.1 inches in Allen Park. The rain caused some minor urban flooding in Wayne County, where a few streets were flooded. In Allen Park, 14 homes experienced some flooding.

Four to six inches of snow fell in Bay County on the 9th. The highest snowfall total, six inches, was recorded seven miles west of Linwood, near the community of Crump.

Strong north winds occurred during the storm's closest approach on the 9th. A few trees were downed along the Tuscola County shoreline, seven miles northwest of Akron, as these winds came off of Saginaw Bay. Later in the morning, the wind downed power lines in Flint, Burton, Davison, Otisville, and Swartz Creek.

MIZ070

Macomb

09 1200EST
2100EST

0

0

Flood

The Clinton River near Fraser went above its 16 foot flood stage at noon EST on the 9th. The river crested at 16.5 feet at 2 pm EST, then fell below flood stage at 9 pm EST.

MIZ076

Wayne

09 1400EST
10 2100EST

0

0

Flood

The Lower Rouge River at Inkster went above its 10 foot flood stage at 2 pm EST on the 9th. The river crested at 11.2 feet at 7 am EST on the 10th, then fell back below flood stage at 9 pm EST on the 10th.

MIZ062

Lapeer

13 1900EST
14 0300EST

0

0

Heavy Snow

A clipper-type low pressure system dropped southeast from western Ontario on the 13th, crossing Lake Superior and moving into northern lower Michigan in the evening. The low then turned east and crossed Lake Huron early on the 14th on its way back into Ontario. This system produced a swath of 3 to 6 inches of snow from the Saginaw Bay area eastward to the Thumb. The heaviest snowfall amount of 6 inches was received in Columbiaville in Lapeer County.



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					Killed	Injured	Property	Crops	

MICHIGAN, East

MIZ053>054

Saginaw - Tuscola

20	0400EST	0	0			Flood
22	0900EST					

The Cass River at Frankenmuth went above its 17 foot flood stage at 4 am EST on the 20th. The river crested at 19.6 feet at 9 am EST on the 20th, then fell back below flood stage at 9 am EST on the 22nd.

The Cass River at Vassar went above its 14 foot flood stage at 6 am EST on the 20th. The river crested at 14.3 feet at 7 am EST on the 21st, then fell back below flood stage at 9 am EST on the 21st.

One to two inches of rain fell over the Cass River Basin from the 17th through the 19th. The resultant river flooding was minor, although some flooding of secondary streets and basements near the river occurred.

MIZ055-063

Sanilac - St. Clair

20	1900EST	0	0		Heavy Snow
21	0800EST				

A low pressure area moved east across the Tennessee Valley on the 20th, and proceeded across the southern Appalachians on the 21st. Southeast Michigan was on the northern fringe of the precipitation area from this low. It appears that some lake enhancement took place along the east shore of the Thumb, as this was where the heaviest snowfall occurred. The road commissions of both Sanilac and St. Clair Counties reported accumulations of up to 6 inches. Further south across Metro Detroit, 2 to 5 inch accumulations were common.

Lenawee County

2 NW Tipton	28	1058EST	0.5	25	0	0	25K	Tornado (F1)
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Monroe County

5 SW Milan	28	1110EST			0	0	5K	Thunderstorm Wind (G60)
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Washtenaw County

Manchester	28	1111EST			0	0	10K	Thunderstorm Wind (G60)
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Washtenaw County

Ann Arbor	28	1113EST			0	0		Thunderstorm Wind (G50)
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Washtenaw County

Scio	28	1118EST			0	0		Thunderstorm Wind (G50)
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Washtenaw County

2 NW Ypsilanti to 2 NE Ypsilanti	28	1123EST 1127EST			0	0	30K	Thunderstorm Wind (G60)
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Oakland County

Milford	28	1130EST			0	0		Thunderstorm Wind (G56)
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Wayne County

Livonia to Redford	28	1140EST 1142EST			0	0	550K	Thunderstorm Wind (G74)
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Wayne County

Detroit	28	1145EST 1200EST			0	0	50K	Thunderstorm Wind (G65)
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Macomb County

2 S Roseville to 3 SE Mt Clemens	28	1155EST 1205EST			0	0		Thunderstorm Wind (G50)
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Macomb County

Utica	28	1155EST			0	0		Thunderstorm Wind (G50)
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A line of fast-moving showers with embedded thunderstorms raced across far southeast Michigan during the late morning and early afternoon hours. A brief tornado occurred in northern Lenawee County, destroying a farmhouse and a barn, damaging another barn, and moving two grain silos off of their foundations. The same storm blew down trees in Manchester, and then produced patches of



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MICHIGAN, East

wind damage from just west of Ann Arbor to just north of Ypsilanti. In Ypsilanti Township, a house was deroofed, other roofs were damaged, and many trees were downed, some onto vehicles. A radio tower was damaged in Superior Township, and aluminum roofing was torn from a home.

Additional damage occurred in Wayne County. A furniture warehouse in Livonia was heavily damaged. In adjacent Redford, spotter estimated winds of 85 mph took the roof off of a business and threw parts of it through the window of a business across the street. Substantial tree damage also took place. Another pocket of damage occurred just west of downtown Detroit, near the foot of the Ambassador Bridge. A wall was knocked out at a taxi cab garage, with cinderblocks damaging five cabs. A billboard in the area was damaged. An empty tractor-trailer attempting to cross the Ambassador Bridge into Canada was knocked over very near the international border.

Numerous trees and power lines were downed in eastern Macomb County, from Harrison Township south to Eastpointe. The most concentrated damage was in Roseville. A few trees were also downed in Utica.

Saginaw County
Fenmore

30	1240EST	0	0	Hail (0.88)
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A citizen reported nickel-sized hail with a small severe thunderstorm in Fenmore.